

## DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, RECTANGULAR, MICROMINIATURE,  
MOUNTING HARDWARE

This amendment forms a part of MIL-DTL-83513/5G, dated 25 June 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

## PAGE 5

Figure 1: Delete dimension “.170 “MAX” and substitute “.170 MIN”.

## PAGE 6

Note 4: Delete “R271NAC0006NN519HNQA1” and substitute “R271NAC0012NN519HNQA1” and  
Delete “R271NAC0006NN519HNQD1” and substitute “R271NAC0012NN519HNQD1”

## PAGE 7

Jackpost and nut: Delete and substitute:

“Jackpost and nut: Corrosion resistant steel in accordance with ASTM A484 and ASTM A582, passivated in accordance with SAE-AMS-QQ-P-35.”

Clip and washers: Delete and substitute:

“Clip and washers: Corrosion resistant steel in accordance with ASTM A240, passivated in accordance with SAE-AMS-QQ-P-35. Does not meet the 2 $\mu$  permeability requirements of the basic specification.”

Add a new paragraph: “Qualification of hardware only” after “Installation” paragraph, to read as follows:

“Qualification of hardware only: To obtain qualification of hardware only, the hardware shall be installed on a qualified connector and shall be subjected to the tests below in accordance with MIL-DTL-83513. Sample size, if qualifying all hardware configurations, shall be four connector pairs. One sample with hardware installed from configuration A and B low profile, one sample with hardware installed from configurations A and B high profile, One sample with hardware installed from configuration C low profile, and one sample with hardware installed from configuration C high profile.

Visual and mechanical inspection  
Vibration  
Shock  
Salt spray”

## CONCLUDING MATERIAL

Custodians:  
Army - CR  
Navy - EC  
Air Force - 11  
NASA - NA  
DLA - CC

Preparing activity:  
DLA - CC  
(Project 5935-4568)

Review activities:  
Army - AT, MI  
Navy - AS, CG, MC, SH  
Air Force - 99